

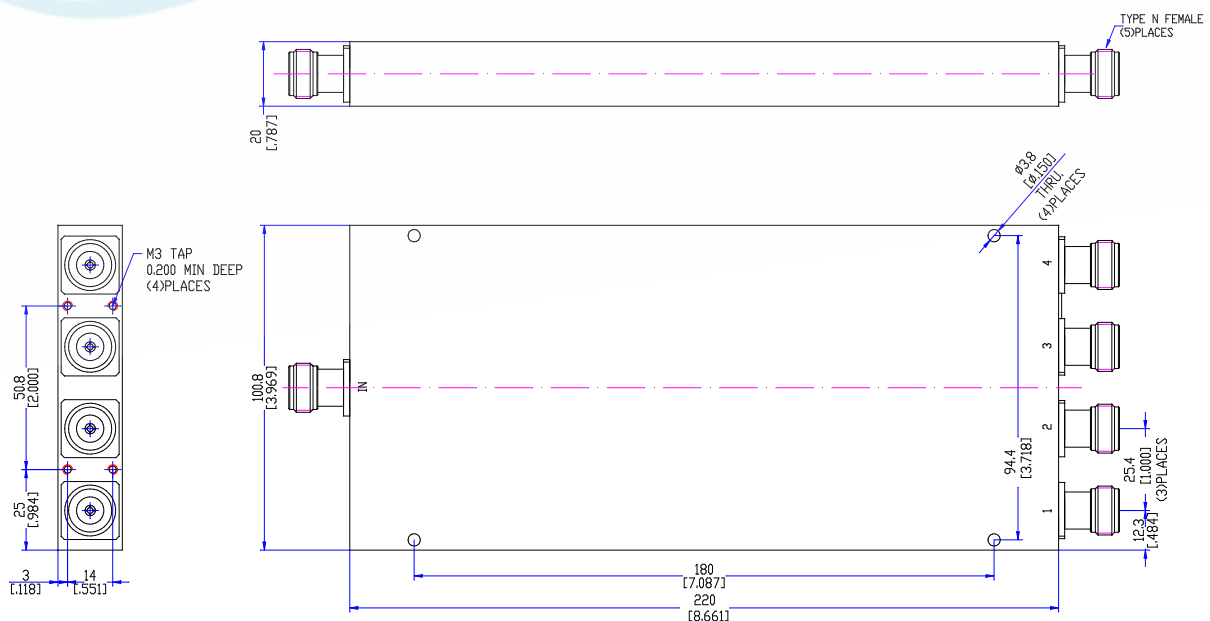
Model TPD0460N4BA

Features

Excellent phase& amplitude balance
Low Insertion Loss& VSWR
High Isolation

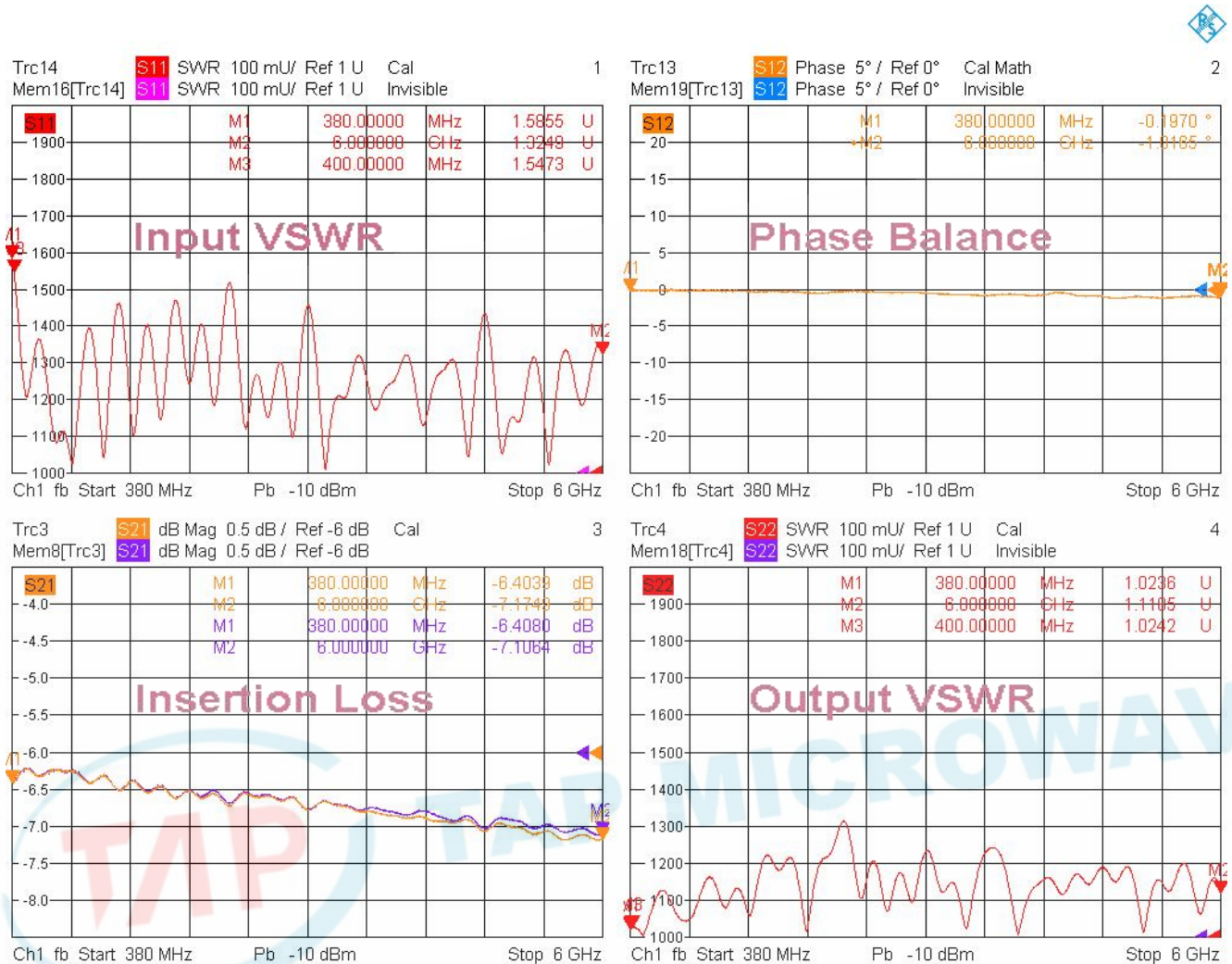
Technical Data Sheet			
Frequency Range	0.4~6.0GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.6dB (Above 6.02dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.90:1@0.38-0.4GHz ≤1.60:1@0.4-6GHz Outputs≤1.80:1@0.38-0.4GHz ≤1.60:1@0.4-6GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥12dB@0.38-0.4GHz ≥16dB@0.4-6GHz	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	1080g
Port Connectors	N-Female		

¹Power Handling guaranteed when load's VSWR within 1.50:1.



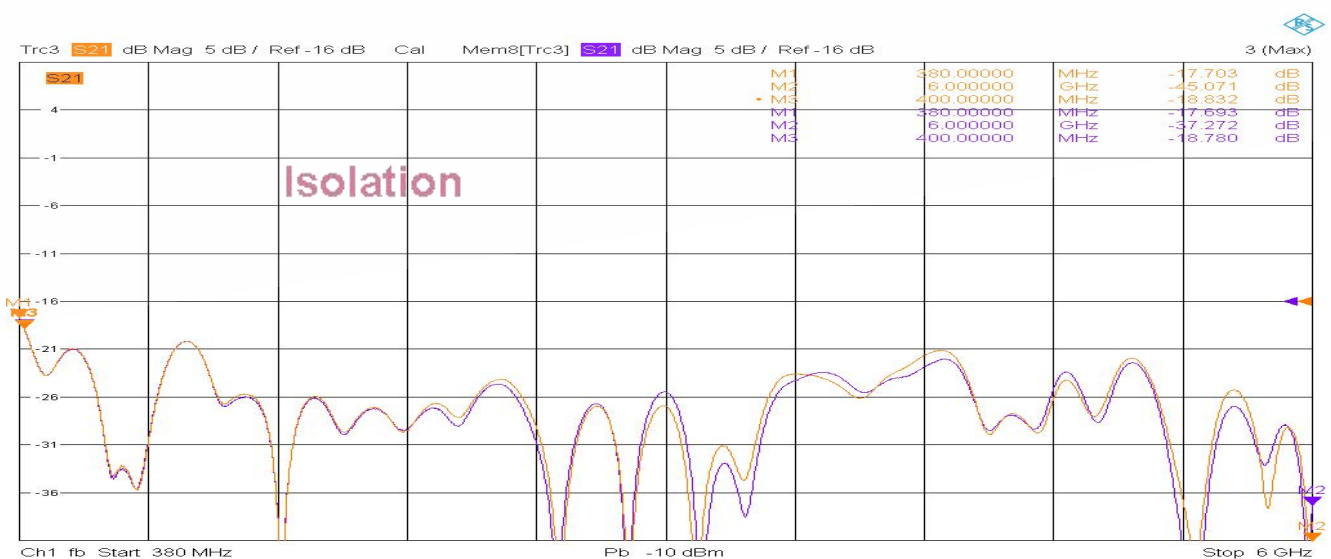
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



5/28/2025, 2:50 PM

2. Isolation



5/28/2025, 3:38 PM

